



College of education for Pure Science - Department of Physics (DPH)

Published Researches in International and Local Journals - 2021-2022

Authors Name	Title	Article Name	Type	Date of Publication	Journal Name
Tharaa Jirjees Polus Thoalfiqar Ali Zaker Ammar Tahssen Zakar Yasir Hussein Mohammed	Assist.Prof. Assist.Prof Lecturer Assist.Prof.	Effect of polarization on nonlinear optical properties of ZnO thin film	Local	2021	Samarra Journal of Pure and Applied Science
Rabee B. Alkhatat Hala Nazar Mohammed Yasir Yahya Kassim	Lecturer Assist. Lecturer Assist.Prof.	The Impact of Laser on the Activation Energy and Sensitivity of CR-39 Detector	Scopus	2022	OA.mg journal
Hala Nazar Mohammed	Assist. Lecturer	Performance Analysis of n-ZnO/p-Si Heterojunction Diode as Function of Zinc Oxide Thin Films Thickness	Local	2022	JOURNAL OF EDUCATION AND SCIENCE

Abdulkahliq A. Sulaiman Ghazwan Gh. Ali	Assist.Prof. Assist.Prof.	Synthesis and Study of ZnO Thin Films Using CVD Technique For Waveguide Sensor Applications	Scopus	2022	Journal of Nanostructures
Ghazwan Gh. Ali Abdulkahliq A. Sulaiman	Assist.Prof. Assist.Prof.	Structural properties of AuNPs/PSi nanostructure	Scopus	2022	DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES
Ghazwan Gh. Ali	Assist.Prof.	Effect of deposition time on optical properties of CuO thin film prepared by chemical bath deposition method	Scopus	2021	Digest Journal of Nano materials & Bio structures
Mohammed Ibrahim Ismael Ghazwan Ghazi Ali	Assist.Prof. Assist.Prof.	Characterization of Silver Nanoparticles on Porous silicon by Laser ablation in Liquid	Scopus	2021	IOP Conference Series: Materials Science and Engineering.
Mohammed Ibrahim Ismael Ghazwan Ghazi Ali	Assist.Prof. Assist.Prof.	Study of Electrical Properties of Silver Nanoparticles deposited on Porous Silicon	Local	2021	JOURNAL OF EDUCATION AND SCIENCE
Musab Salh Mohammad Raad Ahmed Rasool Fathi Mohammed Jassim	Assist.Prof. Assist.Prof. Lecturer	The Effects of Optical Power of Semiconductor Laser on the Characteristics of Si-diode in an Exposed Device	Scopus	2021	Iraqi Journal of Science
Yasir Yahya Kasim Ghazwan Ghazi. Ali Marwan Hafeedh Younus	Assist.Prof. Assist.Prof. Assist.Prof.	Irradiation Effects on The Sensitivity of ZnO Thin Films Synthesized on Glass Substrate by Sol-gel Method	Scopus	2021	Iraqi Journal of Science

Muayad Abdullah Ahmed	Lecturer	Modelling the Role of the Inner Electrode Radius on the Oxygen Negative Corona Discharge in Coaxial Electrode Geometry	Scopus	2021	Iraqi Journal of Science
Marwan Hafeedh Younus Ghazwan Ghazi. Ali Hesham Anwar Salih	Assist.Prof. Assist.Prof. Assist.Lecturer	The Reinforced Optical Fiber Sensing with bilayer AuNPs/SiC for pressure measurement: Characterization and Optimization	Scopus	2021	Journal of Physics
Mushtaq Abed Dawood Al-Jubbori	Professor.	Strong etching formulation (time and rate) for PADC with deep depth bulk etch rate study	Clarivate	2021	Nuclear Instruments and Methods in Physics Research Section A
Mushtaq Abed Al-Jubbori	Professor.	NUCLEAR STRUCTURE OF RARE-EARTH ^{172}Er , ^{174}Yb , ^{176}Hf , ^{178}W , ^{180}Os NUCLEI	Scopus	2022	Ukrainian Journal of Physics
Noor Atallah Al-Jubbori Mushtaq Abed Dawood Al-Jubbori	Professor	Preparation and study of some physical properties of silver nanoparticles by pulsed laser ablation in liquids technique	Local	2022	JOURNAL OF EDUCATION AND SCIENCE